

What is Claimed is:

1. A flow completion system for controlling the flow of fluid from a well bore, the flow completion system comprising:

a tubing spool which includes a central bore that extends axially

5 therethrough and a production outlet which communicates with the central bore;

a tubing hanger which is supported in the central bore and which includes a production bore that extends axially therethrough and a production passageway that communicates between the production bore and the production outlet, the tubing hanger supporting a tubing string which extends into the well

10 bore and defines a tubing annulus surrounding the tubing string;

a first closure member which is positioned in the production bore above the production passageway;

a first annular seal which is positioned between the tubing hanger and the central bore above the production passageway;

15 wherein the first closure member and the first seal comprise a first pressure-containing barrier between the well bore and a surrounding environment;

a second closure member which is positioned in the production bore above the first closure member; and

20 a second annular seal which is positioned between the tubing hanger and the central bore above the first seal;

wherein the second closure member and the second seal comprise a second pressure-containing barrier between the well bore and the environment;

whereby both the first and the second barriers are associated with the tubing hanger.

2. The flow completion system of claim 1, wherein the first and second closure members each comprise a wireline deployable plug.

5 3. The flow completion system of claim 1, further comprising a tree cap which comprises an annular body and means for securing the body to at least one of the tubing hanger and the tubing spool.

4. The flow completion system of claim 1, wherein the tubing spool comprises an annulus outlet and an annulus passageway which provides for fluid
10 communication between the tubing annulus and the annulus outlet.

5. The flow completion system of claim 4, further comprising a crossover line which provides for fluid communication between the production outlet and the annulus outlet, wherein fluid communication between the production bore and the tubing annulus may be established through the
15 production passageway, the production outlet, the crossover line and the annulus passageway.

6. The flow completion system of claim 1, wherein the second annular seal comprises a metal seal.

7. The flow completion system of claim 6, wherein the second annular
20 seal comprises a pressure-energized seal.

8. The flow completion system of claim 1, further comprising:
a tubing hanger running tool which is removably connectable to the top of the tubing hanger and which includes a production port that communicates

with the production bore and an annulus port that communicates with the tubing annulus.

9. The flow completion system of claim 8, wherein the tubing spool comprises an annulus passageway that communicates with the tubing annulus and a workover passageway that extends between the annulus passageway and the central bore, and wherein the annulus port communicates with the tubing annulus through the workover passageway and the annulus passageway.

10. The flow completion system of claim 8, wherein the tubing hanger comprises an annulus bore that communicates with the tubing annulus, and wherein the annulus port communicates with the tubing annulus through the annulus bore.

11. A flow completion system for controlling the flow of fluid from a well bore, the flow completion system comprising:

a tubing spool which is positioned over the well bore and which includes an axially extending central bore and a production outlet which communicates with the central bore;

a tubing hanger which is supported in the central bore and which includes a generally cylindrical body, a production bore that extends axially through the body, and a production passageway that communicates between the production bore and the production outlet;

the tubing hanger supporting a tubing string which extends into the well bore and defines a tubing annulus surrounding the tubing string;

a first pressure-containing barrier which is secured to the body of the tubing hanger above the production passageway; and

a second pressure-containing barrier which is secured to the body of the tubing hanger above the first pressure-containing barrier;

5 wherein each of the first and second pressure-containing barriers isolates both the production bore and the tubing annulus from a portion of the central bore that is located above the tubing hanger.

12. The flow completion system of claim 11, wherein each of the first and second pressure-containing barriers comprises a closure member which is
10 positioned in the production bore above the production passageway and an annular seal which is positioned between the tubing hanger and the central bore above the production passageway.

13. The flow completion system of claim 12, wherein each of the closure members comprises a plug.

15 14. The flow completion system of claim 13, wherein the plug is wireline deployable.

15. The flow completion system of claim 11, wherein the tubing spool comprises an annulus outlet and an annulus passageway which provides for fluid communication between the tubing annulus and the annulus outlet.

20 16. A flow completion system for controlling the flow of fluid from a well bore, the flow completion system comprising:

a tubing spool which is positioned over the well bore and which includes an axially extending central bore and a production outlet which communicates with the central bore;

5 a tubing hanger which is supported in the central bore and which includes a generally cylindrical body, a production bore that extends axially through the body, and a production passageway that communicates between the production bore and the production outlet;

a plug body that is removably securable in the production bore; and
at least first and second annular seals which are each positioned
10 between the plug body and the production bore above the production passageway;

wherein each of the first and second annular seals provides a pressure-containing barrier between the production bore and a portion of the central bore that is located above the tubing hanger.

15 17. The flow completion system of claim 16, wherein the plug body is wireline deployable.